

# Hit List

9/616531

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 21 returned.

☐ 1. Document ID: US 6609106 B1

L3: Entry 1 of 21

File: USPT

Aug 19, 2003

US-PAT-NO: 6609106

DOCUMENT-IDENTIFIER: US 6609106 B1

TITLE: System and method for providing electronic multi-merchant gift registry services over a distributed network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6606744 B1

L3: Entry 2 of 21

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Providing collaborative installation management in a network-based supply chain environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6587827 B1

L3: Entry 3 of 21

File: USPT

Jul 1, 2003

US-PAT-NO: 6587827

DOCUMENT-IDENTIFIER: US 6587827 B1

TITLE: Order fulfillment processing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6473740 B2

L3: Entry 4 of 21

File: USPT

Oct 29, 2002

US-PAT-NO: 6473740

DOCUMENT-IDENTIFIER: US 6473740 B2

TITLE: Electronic commerce using a transaction network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6427132 B1

L3: Entry 5 of 21

File: USPT

Jul 30, 2002

US-PAT-NO: 6427132

DOCUMENT-IDENTIFIER: US 6427132 B1

TITLE: System, method and article of manufacture for demonstrating E-commerce capabilities via a simulation on a network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6345239 B1

L3: Entry 6 of 21

File: USPT

Feb 5, 2002

US-PAT-NO: 6345239

DOCUMENT-IDENTIFIER: US 6345239 B1

TITLE: Remote demonstration of business capabilities in an e-commerce environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6338050 B1

L3: Entry 7 of 21

File: USPT

Jan 8, 2002

US-PAT-NO: 6338050

DOCUMENT-IDENTIFIER: US 6338050 B1

TITLE: System and method for providing and updating user supplied context for a negotiations system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6336105 B1

L3: Entry 8 of 21

File: USPT

Jan 1, 2002

US-PAT-NO: 6336105

DOCUMENT-IDENTIFIER: US 6336105 B1

TITLE: System and method for representing data and providing electronic non-repudiation in a negotiations system

Full	Title	Citation	Front	Review	Classification	Date	Reference	6332135	6332135	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6332135 B1

L3: Entry 9 of 21

File: USPT

Dec 18, 2001

US-PAT-NO: 6332135

DOCUMENT-IDENTIFIER: US 6332135 B1

TITLE: System and method for ordering sample quantities over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference	6332135	6332135	Claims	KWIC	Draw D
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☐ 10. Document ID: US 6233565 B1

L3: Entry 10 of 21

File: USPT

May 15, 2001

US-PAT-NO: 6233565

DOCUMENT-IDENTIFIER: US 6233565 B1

TITLE: Methods and apparatus for internet based financial transactions with evidence of payment

Full	Title	Citation	Front	Review	Classification	Date	Reference	6233565	6233565	Claims	KWIC	Draw D
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Terms	Documents
L2 and (internet or online or www or web) and order\$	21

Display Format: TI

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☐ 11. Document ID: US 6185541 B1

L3: Entry 11 of 21

File: USPT

Feb 6, 2001

US-PAT-NO: 6185541

DOCUMENT-IDENTIFIER: US 6185541 B1

TITLE: System and method for providing shopping aids and incentives to customers through a computer network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 12. Document ID: US 6154738 A

L3: Entry 12 of 21

File: USPT

Nov 28, 2000

US-PAT-NO: 6154738

DOCUMENT-IDENTIFIER: US 6154738 A

TITLE: Methods and apparatus for disseminating product information via the internet using universal product codes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 13. Document ID: US 6141653 A

L3: Entry 13 of 21

File: USPT

Oct 31, 2000

US-PAT-NO: 6141653

DOCUMENT-IDENTIFIER: US 6141653 A

**\*\* See image for Certificate of Correction \*\***

TITLE: System for interactive, multivariate negotiations over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 14. Document ID: US 6070798 A

L3: Entry 14 of 21

File: USPT

Jun 6, 2000

US-PAT-NO: 6070798

DOCUMENT-IDENTIFIER: US 6070798 A

TITLE: Purchaser generated transaction recording and negotiable instrument payment system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 15. Document ID: US 6014634 A

L3: Entry 15 of 21

File: USPT

Jan 11, 2000

US-PAT-NO: 6014634

DOCUMENT-IDENTIFIER: US 6014634 A

**\*\* See image for Certificate of Correction \*\***

TITLE: System and method for providing shopping aids and incentives to customers through a computer network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 16. Document ID: US 5982891 A

L3: Entry 16 of 21

File: USPT

Nov 9, 1999

US-PAT-NO: 5982891

DOCUMENT-IDENTIFIER: US 5982891 A

TITLE: Systems and methods for secure transaction management and electronic rights protection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 17. Document ID: US 5979757 A

L3: Entry 17 of 21

File: USPT

Nov 9, 1999

US-PAT-NO: 5979757

DOCUMENT-IDENTIFIER: US 5979757 A

TITLE: Method and system for presenting item information using a portable data terminal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 18. Document ID: US 5970473 A

L3: Entry 18 of 21

File: USPT

Oct 19, 1999

US-PAT-NO: 5970473

DOCUMENT-IDENTIFIER: US 5970473 A

TITLE: Video communication device providing in-home catalog services

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract PDF	Claims	KWIC	Drawings
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☐ 19. Document ID: US 5915019 A

L3: Entry 19 of 21

File: USPT

Jun 22, 1999

US-PAT-NO: 5915019

DOCUMENT-IDENTIFIER: US 5915019 A

TITLE: Systems and methods for secure transaction management and electronic rights protection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract PDF	Claims	KWIC	Drawings
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☐ 20. Document ID: US 5862223 A

L3: Entry 20 of 21

File: USPT

Jan 19, 1999

US-PAT-NO: 5862223

DOCUMENT-IDENTIFIER: US 5862223 A

TITLE: Method and apparatus for a cryptographically-assisted commercial network system designed to facilitate and support expert-based commerce

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract PDF	Claims	KWIC	Drawings
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☐ 21. Document ID: US 4882475 A

L3: Entry 21 of 21

File: USPT

Nov 21, 1989

US-PAT-NO: 4882475

DOCUMENT-IDENTIFIER: US 4882475 A

TITLE: Synthesized speech-facilitated product preparation and/or delivery system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	FWOC	Draw D
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Terms	Documents
L2 and (internet or online or www or web) and order\$	21

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L2 and (internet or online or www or web) and order\$	21

Database:

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L3

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Friday, October 29, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L3</u>	L2 and (internet or online or www or web) and order\$	21	<u>L3</u>
<u>L2</u>	L1 and ((middle\$ or customer\$) same (client or buyer or purchas\$) same (manufactur\$ or seller or provid\$ or company))	24	<u>L2</u>
<u>L1</u>	705/26,27.ccls. and (return\$ with address\$) and @ad<=19991230	65	<u>L1</u>

END OF SEARCH HISTORY



## Refine Search

### Search Results -

Terms	Documents
6587827.pn. and ((ship\$ with client\$) same customer) and (address\$ with return\$)	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

Interrupt

### Search History

 DATE: Friday, October 29, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L8</u>	6587827.pn. and ((ship\$ with client\$) same customer) and (address\$ with return\$)	1	<u>L8</u>
<u>L7</u>	6587827.pn. and (ship\$ with client\$) and (address\$ with return\$)	1	<u>L7</u>
<u>L6</u>	6587827.pn. and (ship\$ same return\$)	1	<u>L6</u>
<u>L5</u>	6233565.pn. and (return\$ adj address) and (return\$ adj certificat\$)	1	<u>L5</u>
<u>L4</u>	L3 and (ship\$ with client)	2	<u>L4</u>
<u>L3</u>	L2 and (internet or online or www or web) and order\$	21	<u>L3</u>
<u>L2</u>	L1 and ((middle\$ or customer\$) same (client or buyer or purchas\$) same (manufactur\$ or seller or provid\$ or company))	24	<u>L2</u>
<u>L1</u>	705/26,27.ccls. and (return\$ with address\$) and @ad<=19991230	65	<u>L1</u>

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File: USPT

Jul 1, 2003

US-PAT-NO: [6587827](#)

DOCUMENT-IDENTIFIER: US 6587827 B1

TITLE: Order fulfillment processing system

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hennig; Carole	Auburn	CA		
Peters; Melody	Auburn	CA		
Nickey; Carolyn M.	Auburn	CA		
Brandt; Gary	Roseville	CA		
Price; Eric	Roseville	CA		
Sladek; Marjorie	Granite Bay	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
Hewlett-Packard Development Company, L.P.	Houston	TX				02

APPL-NO: 09/ 425378 [\[PALM\]](#)

DATE FILED: October 22, 1999

INT-CL: [07] [G06 F 17/60](#)

US-CL-ISSUED: 705/1; 705/26, 705/27, 705/28

US-CL-CURRENT: [705/1](#); [705/26](#), [705/27](#), [705/28](#)

FIELD-OF-SEARCH: 705/1, 705/26-28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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[Search ALL](#)

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<a href="#">5038283</a>	August 1991	Caveney	364/403
<input type="checkbox"/>	<a href="#">5758322</a>	May 1998	Rongley	704/275
<input type="checkbox"/>	<a href="#">5758328</a>	May 1998	Giovannoli	705/26

<input type="checkbox"/>	<u>5884309</u>	March 1999	Vanechanos, Jr.	707/10
<input type="checkbox"/>	<u>6236972</u>	May 2001	Shkedy	705/1
<input type="checkbox"/>	<u>6249772</u>	June 2001	Walker et al.	705/26
<input type="checkbox"/>	<u>6263317</u>	July 2001	Sharp et al.	705/26
<input type="checkbox"/>	<u>6324522</u>	November 2001	Peterson et al.	705/28
<input type="checkbox"/>	<u>6336135</u>	January 2002	Niblett et al.	709/215

#### FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 820 203	July 1997	EP	
2 265 032	September 1993	GB	

#### OTHER PUBLICATIONS

www.webopedia.com (6 pages).\*

Microsoft Computer Dictionary fourth Edition, p. 167 (end user).

ART-UNIT: 3621

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Worjloh; Jalatee

#### ABSTRACT:

A method and system for processing a customer generated order for a product, more particularly to a method for one or more client computers connected through a server to a plurality of supplier computers to fulfill a customer generated order. The method includes the client creating an order event with a preferred supplier, the server routing the order event to the preferred supplier, the server monitoring status of the order event from the preferred supplier, the preferred supplier processing the order event, and the server periodically synchronizing inventory between the client and all suppliers.

23 Claims, 7 Drawing figures

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L7: Entry 1 of 1

File: USPT

Jul 1, 2003

DOCUMENT-IDENTIFIER: US 6587827 B1

TITLE: Order fulfillment processing system

**Brief Summary Text (12):**

In accordance with the present invention, after the customer order for one or more products is received by the client from a customer, the client creates an order event with a preferred supplier, which the server routes to the preferred supplier. The server then periodically monitors the supplier to determine the status of the order event as it is processed by the preferred supplier. If the supplier accepts the purchase event, it ships the product and notifies the client of that action, and the client then prepares a bill for the customer. The server periodically synchronizes inventory levels between the client and all suppliers, including obviously the preferred supplier.

**Detailed Description Paragraph Table (1):**

TABLE 1 Order Event The following table describes the details of the order event. No Interface Element Size Special Instructions 1 TRANSACTION ID X6 Literal = "SHPREQ" 2 DISTRIBUTION CENTER X8 VS supplier's vendor code. 3 ORDER TYPE X2 If it begins with "I", the order is internal to HP. If it begins with "T", the order is for an external (Trade) HP customer. 4 SHIP TO ADDRESS LINE 1 X40 Lines 4 through 11 indicate 5 SHIP TO ADDRESS LINE 2 X40 the physical ship to location. 6 SHIP TO ADDRESS LINE 3 X40 This must be printed on the 7 SHIP TO ADDRESS LINE 4 X40 Proforma Invoice and Box 8 SHIP TO ADDRESS LINE 5 X40 Address Label (box label). 9 SHIP TO CITY X45 10 SHIP TO STATE X15 11 SHIP TO ZIP X18 12 INVOICE ADDRESS LINE 1 X40 Lines 12 through 16 indicate 13 INVOICE ADDRESS LINE 2 X40 the "sold to" 14 INVOICE ADDRESS LINE 3 X40 address from the original 15 INVOICE ADDRESS LINE 4 X40 customer order. 16 INVOICE ADDRESS LINE 5 X40 This must be printed on the Proforma Invoice for international shipments. 17 MARK FOR ADDRESS X40 See notes at end of table. LINE 1 18 MARK FOR ADDRESS X40 " LINE 2 19 MARK FOR ADDRESS X40 " LINE 3 20 MARK FOR ADDRESS X40 " LINE 4 21 MARK FOR ADDRESS X40 " LINE 5 22 WORLD/COUNTRY CODE X3 Country code of the destination. 23 EXPORT INDICATOR+ X1 "Y" means Export, inter- national shipment. 24 NEW ONLY FLAG X1 Y" means ship only NEW parts, not refurbished parts. 25 REQUESTED DATE 9(8) CCYYMMDD format Date order sent to supplier. 26 PAYMENT TERMS X10 Must be included on Proforma Invoice for international orders. 27 NO PARTIAL FLAG X1 "Y" means order quantity cannot be split into multiple shipments. 28 RESHIP FLAG+ X1 Y = reship (Not in use at this time). 29 CONSOLIDATION KEY X40 Will be provided in the future to assist in consolidating all items for the same ship-to address within the same box. Must be in place for cost effective international shipping. 30 ORDER SECTION X12 HP order number. 31 ITEM/SUB ITEM X4 HP item number. 32 PART NUMBER X20 HP part number. 33 PRIORITY 9(2) 10 = government order 20 = Hotline (must ship same day) >20 = Standard order 34 INLAND CARRIER+ X4 For international shipments. See list of valid carrier codes used by HP. 35 CARRIER MODE X2 See list of valid carrier codes and modes used by HP. 36 CARRIER CODE X4 See list of valid carrier codes and modes used by HP. 37 LOGISTIC CHARGES 9(7) The charge must be printed on v99 shipping documents. 38 REQUEST QUANTITY 9(6) Quantity to be shipped. 39 ADJUSTED UNIT PRICE 9(7) Unit price must be printed on v99 shipping documents. 40 CUSTOMER COMMENT X36 Must be printed on shipping documents. 41 CUSTOMER ATTN TO X36 Must be printed on

shipping documents. 42 CUSTOMER REFERENCE X36 Must be printed on shipping NUMBER documents. 43 CUSTOMER ACCOUNTING X36 Must be printed on shipping REFERENCE documents. 44 DELIVER TO 1 X34 Must be printed on packing list. 45 DELIVER TO 2 X34 Must be printed on packing list. 46 RETURN PROGRAM X10 (Not in use at this time). 47 CARRIER PROGRAM X10 (Not in use at this time). 48 BUSINESS PROGRAM X10 (Not in use at this time). 49 RMA COMMENT 1\* X50 Printed on the RMA form. 50 RMA COMMENT 2\* X50 Printed on the RMA form. 51 RMA COMMENT 3\* X50 Printed on the RMA form. 52 RMA COMMENT 4\* X50 Printed on the RMA form. 53 RMA COMMENT 5\* X50 Printed on the RMA form. 54 RMA COMMENT 6\* X50 Printed on the RMA form. 55 RMA COMMENT 7\* X50 Printed on the RMA form. 56 RMA COMMENT 8\* X50 Printed on the RMA form. 57 RMA COMMENT 9\* X50 Printed on the RMA form. 58 RMA COMMENT 10\* X50 Printed on the RMA form. 59 RMA COMMENT 11\* X50 Printed on the RMA form. 60 RMA COMMENT 12\* X50 Printed on the RMA form. 61 RMA COMMENT 13\* X50 Printed on the RMA form. 62 RMA COMMENT 14\* X50 Printed on the RMA form. 63 RMA COMMENT 15\* X50 Printed on the RMA form. 64 RMA PRINT X4 "EACH" or "LINE" (see INSTRUCTIONS\* notes at end of table). 65 SHIP REQUEST ID X8 Unique identifier for this transaction. Must be used in the Shipment Confirmation. 66 RETURN ADDRESS 1\* X30 Printed on the RMA form. 67 RETURN ADDRESS 2\* X30 Printed on the RMA form. 68 RETURN ADDRESS 3\* X30 Printed on the RMA form. 69 RETURN ADDRESS 4\* X30 Printed on the RMA form. 70 PART DESCRIPTION X30 Must be included on all shipping documents as it appears in this field. 71 RESTRICTED ARTICLE X1 "Y" = restricted article (Hazardous Material) "N" = not restricted 72 AIRPORT CODE+ X3 For international shipments. Printed on the box address label. 73 RETURN DAYS\* 9(3) Printed on the RMA form. 74 INVOICE KEY X30 Will be provided in the future to assist in consolidating orders together on one international invoice. (Will be based on the office code, first 4 digits of order number). 75 RMA\_RE- X(30) (Not in use at this time). 76 RMA\_RE- X(30) "TURN\_REASON\_2 77 RMA\_RE- X(30) "TURN\_REASON\_3 78 RMA\_RE- X(30) "TURN\_REASON\_4 79 RMA\_RE- X(30) "TURN\_REASON\_5 80 RMA\_RE- X(30) "TURN\_REASON\_6 81 RMA\_RE- X(30) "TURN\_REASON\_7 82 RMA\_RE- X(30) "TURN\_REASON\_8 83 RMA\_RE- X(30) "TURN\_REASON\_9 84 RMA\_RE- X(30) "TURN\_REASON\_10 85 RMA\_RE- X(30) "TURN\_REASON\_11 86 RMA\_RE- X(30) "TURN\_REASON\_12 87 RMA\_RE- X(30) "TURN\_REASON\_13 88 RMA\_RE- X(30) "TURN\_REASON\_14 89 RMA\_RE- X(30) "TURN\_REASON\_15 90 SCHEDULE\_B\_NUMBER X(10) "Harmonized tariff code". Required for international shipments; must be printed on the Proforma Invoice. 91 PURCHASE\_OR- X(10) Must be cross-referenced to DER\_NUMBER the HP order number and item number, and sent back in the Shipment Confirmation for this order request. +Denotes fields required on int'l shipping documents. \*Denotes return material authorization (RMA) printing information.

#### CLAIMS:

10. The method according to claim 9 wherein said step of the server sending a confirmation event to the client further comprises the steps of: the server changing the order event from an open to a closed status; the server starting a timeout; and, the client sending an invoice to the customer for shipment.

20. A system for fulfilling a customer generated order by at least one client, wherein the customer order is received by at least one client operably connected through at least one server to a plurality of suppliers via a network, said system comprising: means for creating an order event with a first preferred supplier having an inventory of available product that is favorably geographically located to minimize the time and expense of shipment of the product to the customer, and determining a second preferred supplier having an inventory of available product in the event that the inventory of available product of said first preferred supplier is not sufficient to fill the customer order; means for routing said order event to each said preferred supplier; means for monitoring status of said order event from each said preferred supplier; means for processing said order event; and, means for periodically synchronizing inventory between the client and the plurality of suppliers.

23. A system as defined in claim 22 wherein the client creates an order event with

said first preferred supplier having an inventory of available product that is favorably geographically located to minimize the time and expense of shipment of the product to the customer, and determines a second preferred supplier having an inventory of available product in the event that the inventory of available product of said first preferred supplier is not sufficient to fill the customer order.

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L5: Entry 1 of 1

File: USPT

May 15, 2001

DOCUMENT-IDENTIFIER: US 6233565 B1

TITLE: Methods and apparatus for internet based financial transactions with evidence of payment

Detailed Description Text (94):

Preferably, the system permits the user to preview a single envelope or label by pressing a Print Preview button. This will cause the return address, the mailing address, and a bitmap of a sample indicium 74 to be displayed as it would appear printed. Pressing this button will pass control to a standard Print Preview screen. If the user wishes to print the entire list, the Print All button is selected. Pressing Print All causes a connection to be made to the web server 150 and a file of addresses sent. This file is digitally signed by the client Host 10n for the transaction server 180 to verify. On the transaction server 180, the digital signature on the file will be verified by validation (also called the security) server 315, each address will be extracted individually and the contents of that address, along with additional information, will be used to create both the human- and computer-readable parts of the indicium 74. See indicium generation 43, FIG. 1A. The postage rate table used is checked to see if it is current, and the postage amounts are recalculated if needed. The contents of the indicium are then hashed (MD5) into a message format and the resulting message is digitally signed by transaction server 180 using the well-known DSA. The indicium is then encrypted for the client to decrypt. The indicium is encrypted to prevent unauthorized capture of the indicium. An unencrypted indicium could be captured, printed, and entered into the mail stream prior to it being obtained by the authorized customer.

Detailed Description Text (96):

The following information is then printed on the envelope or labels: Return Address (optional) 71 (previously entered during registration or changed via Configure), mailing address 72 (obtained from list), graphic image 73 (if selected via page setup screen), and indicium 74 (constructed when "print all" is pressed). See open system pc-based indicium printing 23 on FIG. 1A and FIGS. 4A and B. For example, one proposed indicium 74 is illustrated in FIG. 4A, which, among other things, conforms to the specifications in the Domestic Mail Manual--P050, dated Sep. 19, 1996.

Detailed Description Text (205):

The server 4 needs a public/private key pair for each client 2n in order to produce indicia. The server 4 will generate a key pair for the client 2n, store the private key in the secured SQL master database 305 and send the public key to the CA as a request. The request is signed with the server's private indicium key and sent to the CA, where the request will be authenticated using the server's certificate. The CA will send the certificate back to the server. The returned certificate will be packaged with some other information and digitally signed by the CA. Using the CA certificate the server 4 will verify the authenticity of this returned package.

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File: USPT

May 15, 2001

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Rogoff; Jonathon	Chicago	IL		
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PRIOR-ART-DISCLOSED:

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ASSISTANT-EXAMINER: Nguyen; Cuong H.

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ABSTRACT:

A system and methods for conducting Internet based financial transactions between a client and a server. The client has a processor, a printer, a client authentication module, a module for issuing a transaction request, and a unique digital signature. The server has a network including a transaction server, a transaction database, a server authentication module, and a receipt generation module. An internet connection is used between the client and the server network. The transaction execution system includes authentication, wherein the client authentication module and the server authentication modules communicate via the internet connection and are authenticated to each other. A transaction module is included wherein, in response to the client and server being authenticated, the client issues a transaction request to the server and the transaction server, in response to a client transaction request, executes an electronic payment transaction at the server and records the transaction in the transaction database. The server receipt generation module, in response to an executed electronic payment, then generates a receipt and transmits the receipt to the client. The receipt includes the client digital signature and a data set uniquely identifying the executed transaction and is printable by the client printer. The printed receipt is an evidence of payment for the executed transaction. In addition, a third party seller having a processor and a database can be connected via a communication channel to the server, wherein the client further obtains a registration certificate representative of being a consumer registered with said third party seller. A third party credit facility also may be connected via a communication link to the server, for implementing credit card transactions. The transaction execution system may be to purchase an amount of postage, to purchase a ticket for air travel or to an entertainment complex or the like.

18 Claims, 13 Drawing figures

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